# Ine



Tech

LXV, No. 23

CAMBRIDGE, MASS., FRIDAY, JULY 27, 1945

# heduled Aug. 17

atholic Club Holds ffair In Morss Hall

ith four hundred invitations ally sent to girls from twelve cols in the Boston area, the Cath-Club is finishing arrangements its dance on Friday, August 17. nappie Arnold's eleven piece will provide the dance music 8:30 till midnight in Morss and, weather permitting, the aces will also be open for danc-The tickets will cost \$1.00 plus and may be purchased from F. Sullivan in Room 424-A of Graduate House, from Tom y at the 5:15 Club, from Frank r in Room 412 of Hayden Dorry, and from the T. C. A. office. is first dance of the term is to all, and Navy liberty has extended till 12:00 o'clock to le the V-12 men to attend. nmen are particularly encourto come in order to get achted and to get dates for the Day Dance eight days later. e schools to which invitations been sent include: Radcliffe, ingham Teachers College: leen Dell, Katherine Gibbs, hons, and Lasell.

# eshmen Elect presentatives

osh Council Chooses stitute Comm. Men

freshman classes of 10-47 2-48 held elections for freshcouncil representatives this during their drawing sections. representatives, elected from section, met at 5:00 P.M. day, July 26, to elect a chairand two representatives to stitute Committee and to dislans for the Field Day Rally held today in Room 10-250 0 P.M.

officers and representatives l in a very close race were: d J. Boston, 2-48, chairman freshman council, Alan P. , 2-48, and Donald K. Samp-)-47, Institute Committee repatives.

# equaintance Dance Prof. Padelford Gives Sidelights Freshman, Soph On San Francisco Conference

to speak before the Combined Professional Societies on August 1 on the San Francisco Conference, in an interview with a reporter from that his job was far from being a The Tech gave some interesting sidelights on his part in the work done at the momentous conference.

Serving for two months at San Francisco, Dr. Padelford was originally a member of the International Secretariat serving as one of the five Executive Officers of the Conference. His duties entailed making arrangements for the administration and organization of all phases of the conference. This involved supervision of the issuance of all documents, reports, proposals and amendments. As his tasks envolved liaison work with the delegates, he came in constant contact with Prime Ministers, Ambassadors, and Foreign Ministers who were serving as delegation heads.

In addition to this, Dr. Padelford was the immediate assistant to the President of Commission IV, one of the four commissions set up at the conference. Commission IV handled the problems dealing with the World Court and all legal questions coming before the Conference. The President of Commission Four was Dr. Parra-Pérez, the Foreign Minister of Venezuela, and a leading jurist of our time.

Dr. Padelford was, furthermore, the Secretary of the Advisory Committee of Jurists which did much of the final dratfing of the Charter.

As executive officer of the Conference he attended all meetings of the Conference, even the secret

#### SAE Hears Prof. Taylor Lecture On Gas Turbines

Prof. C. Fayette Taylor, professor of automotive engineering, spoke on the subject of gas turbines before the Society of Automotive Engineers at their last meeting, which was held on Monday, July 23, at 5:00 P. M. in Room 31-261. A discussion period was held after Prof. Fayette's informal talk. In addition to hearing the talk by Prof. Fayette, the members of the S. A. E., led by their president, Harvey S. Freeman, 2-46, discussed plans for the coming term.

Prof. Norman J. Padelford, who is subcommittee meetings in which most of the work on the Charter was done.

> As is obvious, Dr. Padelford stated picnic. His average working day was 17 hours long; even on Sundays he was obliged to devote as much as 6 hours to his duties; and he said that toward the closing days of the Conference he at one time had to work 22 hours without a break.

> With regard to the Conference itself, Dr. Padelford said, "The Conference was a great demonstration of unity, purpose, and friendly collaboration on the part of the nations represented there. conducted under Democratic auspices, every decision being taken by a two-thirds majority vote. No question was taken from the committee to be decided upon by the great powers alone.

"Every proposal by a nation, great or small, was equally open to criticism, debate, amendment and decision by the Conference as a whole. Small countries who owed their liberation and very existence to the war effort of the great powers were perfectly free to oppose and criticise

(Continued on Page 3)

## 13 Men Pledged By Alpha Chi Sigma

**Their Formal Initiation** To Be Held August 16

Alpha Chi Sigma, the Honorary Chemical Society, pledged thirteen new members last Wednesday, July 25, at 4:00 P.M. in the Moore Room, 6-321. These men will be formally initiated into the Society on August 16.

They include: Charles L. Bauer, 2-47, Thomas Cantwell, Jr., 2-47, Charles E. Colgan, 2-47, Mr. Howard T. Evans, Jr., Russel E. Foust, Jr., 2-46, Howard.E. Hartman, 10-46, Mr. Robert L. Jacks, John W. Kellett, 2-47, winner of Alpha Chi Sigma freshman award, Carl A. Lindstrom, Jr., 2-47, Jack L. Mohr, 2-47, Siegfried E. Penner, 2-46, Wallace C. Philoon, Jr., G, and Mr. Maynard E. Smith.

# Rallies Held For Field Day

Practice Starts Mon.; Soph Class Leaders Call For More Spirit

Yesterday was indeed an auspicious day for the freshmen—the Sophomores held a rally and, as had been predicted in many quarters, evidenced little class spirit. A grand total of some fifty Sophomores showed up in Room 10-250 to listen to the brief pep talks by Richard J. O'Donnell 2-47, and Eugene M. Gettel, 10-46, presidents of their respective classes. The meeting was wound up in traditional style with a speech by Oscar Hedlund. The general gist of all three speeches was to the effect that unless the Sophomores and Juniors get moving they don't stand a very good chance of coming out on top in the fast approaching battles on August 25.

Lest the freshmen get too confident, however, let it be remembered that despite disappointing Sophomore ralles in the past, the class as a whole has usually managed to show up in considerable strength for Field Day, and that only five freshman classes have won Field Day since 1920. A very large turn-out is expected for the freshman rally to be held in Room 10-250 at 5:00 P.M. today, but much will depend on the spirit displayed by the two classes in the coming month, in their efforts for the vari-

(Continued on Page 3)

# Official Notice

Students are requested by the Registrar's Office to examine preliminary lists of the Directory of Students between July 30 and August 3 and report any errors they find on the cards provided to the office of the Registrar, Room 3-107. Lists will be posted in the Building 10 Lobby, Outside the Dormitory Office, in the Graduate House, in Building 3 on the bulletin board near Room 3-150, and in Building 33.



Vol. LXV

Friday, July 27, 1945

No. 23

Managing Board

......Alan R. Gruber, 10-45 General Manager Managing Editor Business Manager ... Arthur Schiff, 2-46

**Editorial Board** 

William C. Dowling, 2-46 William F. Herberg, 2-46

William J. Rapoport, 2-46 Robert G. Wilson, 2-46

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Night Editor: Carleton H. Boll, 2-47

Assistant Night Editor: Louis F. Kreek, Jr., 10-47

#### POOR SHOWING

"Infallible" Coach Oscar Hedlund will wait until the day before Field Day before he discloses his predictions on the outcome of the 45th annual struggle between the freshmen and the Sophomores; although Field Day is still 29 days away, we're going to beat Oscar to the gun and put our necks out with a prediction that the Class of 2-48 will have little trouble in becoming the twelfth freshman class to emerge from the battle victorious.

We haven't seen any of the teams in action yet, because practices aren't scheduled to start until next week. Our prediction is based on the miserable display of interest at yesterday's rally for the Sophomores and Class of 10-46 Juniors, as well as on our observation that most of the freshmen have shown more than a little spirit when the inter-class rivalry is discussed.

It seems as if only about 50 members of the Sophomore-Junior group of well over 500 cared enough about Field Day to attend yesterday's rally. We'll let Oscar worry about predicting the exact scores, but if the Sophs (and Juniors) don't surprise everyone by going out for the various teams and making use of their advantage of age and experience, we'll stick by our statement that it looks like a freshman landslide.

#### SELECTIVE SERVICE

Pleading that Congress correct a situation "which has already placed this country at a disadvantage compared with other Allied Nations and promises . . . to be destructive to postwar prosperity," the New England Council recently asked for deferments for scientific and technical students. Council opined that Selective Service is producing a serious dearth of trained men, and predicted weakening of the country's industrial structure because of a shortage of technical manpower.

The Council pointed out that both Great Britain and Russia, even in their darkest days, continued the training of

young scientists and engineers. We think it's only a mat of common sense to realize that highly trained technical can do much more for their country if they are given opportunity to complete their training and use their skills the fullest advantage; just look at the record.

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Graduate study, leading to the Master's and Doctor's degrees, offered in Ceramics, Meteorology, and in most of the above profes sional Courses.

A five year Course is offered which combines study in Engine ing or Science, and Economics. This leads to the degree of Bache of Science in the professional field, and to the degree of Master Science in Economics and Engineering or Economics and Natural Science.

For information about admission, communicate with the Direct of Admissions.

The Catalogue for the academic year will be sent free on reque

## ch Netmen Play rst Match Today

ne varsity tennis team is slated ee its first action of the sumseason this afternoon in a ch at Fort Devens with the ll General Hospital. The subent fare of competition for varsity has not as yet been developed.

e only returning lettermen on team are Fried and Cummings. reich and Toperzer, also upper men, will see regular service, will several freshmen. The d is still open to any interested idates, who will find the team ticing on the clay courts at in the afternoon.

#### f. Padelford

(Continued from Page 1)

point or question brought up e the assembly. San Francisco much more democratic than aris Peace Conference in 1919, the Big Four made decisions, then called in the lesser nato approve or accept them.

he Charter provides a workbasis upon which the nations achieve peace and security, if same degree of cooperation acterizes their attitude in the to come. It represents an ade beyond the Covenant of the le of Nations; and perforce can ne much stronger than the le. Its principal features give tion to international economic social cooperation, which the on Woods Conference laid the lation for."

by the Russians at San Fran-Dr. Padelford said, "Throughie Conference the Russian Delin adopted a friendly and conive attitude toward the other s there, and made it perfectly that Russia was heartily in of a strong international ortion."

most outstanding men at the rence were to the Doctor's Molotov of Russia, Britain's Evatt, head of the Australian tion, Commander Stassen, dward Stettinius from the States, Senator Rolin of Bel-Field Marshall Smuts, Prime er of the Union of South Sir Ramaswami Mudaliar, Badawi Pasha, Egypt, and r Camargo of Colombia.

essing a little he stated that ost colorful by far were the tes from Saudi Arabia who neir long flowing Sheik's garb occasions, and attracted contention from photographers to ladies.

# Dorclan Initiates To Shine Shoes

Dorclan, the upperclass honorary society, has laid plans for the initiation of four new men during the week of August 5. The initiates are: James B. Pickel, 6-45; Robert E. Scherr, 2-46; Donald L. Wrisley, 6-45; and Harvey S. Freeman, 2-46.

When interviewed by a reporter from The Tech, Henry Koerner, 2-46, president of Dorclan, invited all Tech students to appear in the lobby of Building 10 on Tuesday, August 7, from 12:00 noon to 1:00 P.M. for free shoe shines which are to be given by two of the pledges. The other two pledges have been assigned to do a bit of photographic work, namely, "shooting" the numerous secretaries who appear on the Great Court every day around noon.

#### Hauser, Le Beau Explain Rubber Reclaiming

Professor Ernst A. Hauser and Dr. Ree V. leBeau, both of the Chemical Engineering department, originators of the synthetic rubber reclamation process, were the speakers at the first-term meeting of the Institute chapter of the American Institute of Chemical Engineers, held on Wednesday, July 25, at 5:00 P.M. in Room 4-270.

Professor Hauser told how the problem was formulated and how it happened that work on it was done here at the Institute. He then introduced Dr. le Beau who gave an outline of rubber reclaiming in general without revealing any of the details, which must still be cloaked by military secrecy since the process has largely been developed during the war.

#### Field Day

(Continued from Page 1)
ous athletic teams which take part
in Field Day.

Practice for the Sophomore teams will move into high gear on Monday, July 30, under the guidance of their various coaches. Oscar Hedlund, as always, is working with the Sophomore relay team, while Theodore W. Henning, 2-46, is in charge of the Soph's swimmers. Richard M. Adler, 2-46, is managing the tugof-war, Robert Goodstein, 2-46, is coaching the Soph's baseball tam, and Theodore P. Heuchling, 2-46, will be grooming the Sophomore oarsmen. David Black and Leigh Brite, both 2-46, will jointly coach the Sophomore sailors.

## Track Time Trials For Field Day Set; 62 Frosh On Hand

With sixty-two freshmen already on deck, Track Coach Oscar Hedlund plans to commence relay trials for the Field Day competition a week from Monday. After the elimination of a number of aspirants, an intensive three-week training period will then precede the date of the Field Day race.

Although the runners have been working little more than a week, promising talent among the freshmen has been displayed by Armstrong, Cleveland, Ellsworth, McCarthy, Smucker, and Thompson. Prominent among the ranks of the Juniors and Sophomores have been Anderson, Barber, Creek, Johnson and Wilson.

# Dorm Softball Activity Featured By Close Games

The six dormitory halls faced off against each other last Wednesday in the first games of the summer season. This afternoon at 5:00 o'clock Bemis is billed against the Senior House and Goodale will engage Walcott.

Wednesday's results were marked by two hairline decisions, as Bemis nosed out Hayden, 4-3, with a fourrun uprising in the last round and Goodale edged out Wood, 5-4, with three tallies in the final frame. Walcott was returned an easy 8-2 winner over Munroe.

# T.C.A. Appoints Division Managers

The Technology Christian Association has announced its Division Managers for the coming year. They will be Henry J. Dayton, 2-47, Manager of the Religious Action Division; D. Jerrold Fritch, 2-47, Manager of the Office Division and Director of the Book Exchange; Norman N. Holland, Jr., 2-47 and Daniel R. Vershbow, 6-45, co-directors of the Drive; and Samuel Gusman, 246, Manager of Publications.

## WANTED

MEN of ambition who will spend one afternoon a week contacting advertisers.

Apply at THE TECH Business Office Thurs. or Fri. afternoons after 4:00 p.m.

# B. K. Softball Tourney Begins

#### Five Leagues Formed; Games On Briggs Field

With more than twenty teams entered, the Beaver Key Softball Tournament is scheduled to get fully under way next week. The present arrangement finds the entries lined up in five different groups, or leagues, so that each team will compete at least three times before being eliminated from play. The winners in the five separate divisions will then clash to determine the tourney winner.

All games this year, which are slated at 6:30 on week nights, will be played on the fields between Briggs Field and Memorial Drive. By mutual agreement, however, games may be rescheduled by the participants or played on available fields on Briggs Field other than those specified.

In the classification of teams into leagues, five teams were seeded, while the rest were divided merely by chance. The defending softball champion is Phi Gamma Delta.

The plan for umpiring the games is so devised this year that the burden will be shared equally by competing teams. Each contestant has been scheduled to officiate at particular games between teams in the same league as the organization which the umpire represents.

# 4000 Blood Donations Made Through T.C.A.

After only seventeen months, the T. C. A. Blood Donor Service has passed the four thousand mark. Paul M. Chalmers, of the staff; R. S. Bevans, Stanley Kingsbury and William Klem of the D. I. C. each have contributed two gallons of blood. Thirty-five staff members and fifteen students have given one gallon each. All those wishing to make a contribution should make an appointment at the Blood Donor desk in the Information Office.

#### The First Church of Christ, Scientist

Falmouth, Norway and St. Paul Sts.
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Sunday Services 10:45 a.m. and 7:30 p. m.; Sunday School 10:45 a. m.; Wednesday evening meetings at 7:30, which include testimonies of Christian Science healing.



Reading Rooms—Free to the Public, & Milk St.; &4 Boylston St., Little Building, Street Floor; 60 Norway St., corner Massachusetts Ave.; 1316 Beacon Street, Coolidge Corner. Authorized and approved literature on Christian Science may be read or obtained.

## Cast Announced For Dramashop Stag Production

The cast for the Dramashop summertime production, "Arsenic and Old Lace," has been announced. Presentation of this Broadway comedy to the public will take place on Friday and Saturday evenings, August 17 and 18, at 8:30 P.M. in the New England Mutual Hall.

Members of the cast include: Abby, Emily V. Wade, '45; Martha, Mary R. Gregory, 2-48; Teddy, Robert W. Connor, 2-46; Jonathan, Robert P. Abelson, 10-47; Elaine, Eleanor E. Dorste, 10-46; Mortimer, Durga S. Bajpai, 2-46; Einstein, Robert L. Stern, 2-48; O'Hara, Richard L. Hershey, 10-46; Dr. Harper, William M. Siebert, 2-46; Mr. Gibbs, Warren E. Werby, 10-47; Witherspoon, Claude W. Brenner, 2-47; Brophy, Leonard P. Salter, 2-48; Rooney, Alfred G. Boissevain, 2-46; and Klein, Robert F. Hoffman, 2-46.

Connor is the General Manager while Laurent P. Michel, 2-47, has been elected secretary-treasurer. Brenner is business manager and Siebert is stage manager. The entire production is under the supervision of Professor D. M. Fuller, director of Dramashop.

Tickets will go on sale shortly at the T.C.A. information office or they may soon be purchased from any Dramashop member.

# CAMERAS

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#### Plan Record Buying For Burton Room

\$200 Appropriated By Dorm Committee

The appropriation of two hundred dollars for the purchase of records for the Burton Room was announced at the regular meeting of the Dormitory Committee last Monday. The obtaining of several new magazine subscriptions was also planned. Later, a possible acquaintance dance to be held in the vicinity of Field Day was discussed.

Progress was reported in the present Ping-Pong tournament. Elimination matches are now being played, and the finals will take place about the middle of August. Interest in the Inter-dorm Softball games has been shown, and funds were approved for the purchase of new equipment.

It was stated that the dormitory music room would be open for use by students between 10:00 A.M. and 10:00 P.M.

## Tau Beta Pi Plans Smoker On Tues. To Meet Prospects

Tau Beta Pi, national honorary enginering fraternity, will hold a smoker next Tuesday at 5:00 P. M. in the 5:15 Club Room, for the purpose of becoming more closely acquainted with the prospective members of the society—the Juniors and Seniors who have met the preliminary requirements by maintaining a high scholastic average and at the same time participating in extra-curricular activities.

New members are to be chosen from the Juniors who are scholastically in the upper eighth of their class, and from the Seniors who are in the upper fifth of their's. The new pledges will be announced next week in The Tech.

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## CALENDAR

#### FRIDAY, JULY 27

Hillel Discussion Group—Faculty Lounge

5:00 P.M. Freshman Rally—Room 10-250

5:00-P.M. Dramashop Managers' Meeting—Room 2-178

#### MONDAY, JULY 30

5:00 P.M. Dormitory Committee-Ware Lounge

#### TUESDAY, JULY 31

5:00 P.M.—Christian Science Organization—Room 7-138

Tau Beta Pi Smoker—5:15 Club Room

7:00 P.M. Glee Club-Room 1-390

7:00 P.M. Rocket Society—Litchfield Lounge

#### WEDNESDAY, AUGUST 1

5:00 P.M. Intervarsity Christian Fellowship—Room 7-145

5:00 P.M. Catholic Club—Room 10-275

#### THURSDAY, AUGUST 2

5:00 P.M. Institute Committee—Litchfield Lounge

5:00 P.M. Glee Club-Room 1-390

## Edward M. Kosower, 2-48, Wins \$240 Scholarship in Science Talent Search

Each year the Science Club of Kosower, of Brooklyn, N. Y. America and the Westinghouse fore coming to Tech, Kosower Electric Corporation sponsor a Science Talent Search for high school erated a chemical manufactu seniors. Among the members of business, specializing in rare the freshman class are five of the ganic chemicals. He sold chemi forty winners.

school seniors must pass a threehour test on the sciences, mathematics and logic, administered by his school, write a one-thousand- Willgerodt Synthesis." word essay on some phase of science, obtain a high school certificate of grades, and get written character references from his school, and have the school mail it all in for him to the Science Club of America, Washington, D. C.

Forty winners, selected on the basis of their test scores and essays, receive an all-expense tour to Washington. This year the tour was held from March 2 to 6, during which time the winners got shown around Washington, met Mrs. Roosevelt and Vice-President Truman, held science discussions with famous scientists, and had private interviews with the judges for the purpose of determining the top ten winners.

The top boy winner and the top girl winner received \$2400 scholarships to college, each. The eight next highest winners received \$400 scholarships each. The other thirty received \$100 scholarships each. These awards were donated by the Westinghouse Electric Corporation, and the formal presentation of the winners of the awards occurred at a very elaborate banquet attended by six hundred guests (mostly scientists) in the Presidential Ballroom of Washington's Hotel Stat-

The top boy winner is Edward M. David Hill, both freshmen.

some other high school friends here and abroad to research To enter the contest, the high ratories, universities, etc. He has written many published art on chemistry and his busin His essay topic was, "Mod

Jerome Blackman, also of B lyn, was one of the eight \$400 ners. His essay topic was, "Sp Graphs," and it was about a sy of graphical computation which worked out himself. He is a ics major.

John F. Moore, of Scotsville, ginia, was one of the \$100 win He was born in London, the of Louis Untermeyer and Vi Moore, both writers, and edu around Europe, but he went w school in Wilton, New Hamp His main interest is mathem and he can show you a lot of and interesting uses for it. in flexagons, strips of paper into triangles in such a way a hexagon is formed which turned inside out in a varie ways to show series of like bers on the triangles visible. have to see one in order to ciate it.) Another hobby of M is keeping a colored state graph of the ten most popula Parade tunes each week, sta in 1935, when the Hit Parad gan. It is also said that h recite pi to fifty decimal from memory.

Other Tech winners of \$100 arships were Harry Conroy